



1. Approving Competent Authority/Country CAA UK		2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1				3. Form Tracking Number 20220011451955Y32 345129789	
4. Organisation Name and Address: HONEYWELL AEROSPACE SAS 4, AV SAINT GRANIER - B.P. 3009 - 31024 TOULOUSE CEDEX 3-FRANCE TEL:+33-(0)534561500 FAX:+33-(0)534561600						5. Work Order/Contract/Invoice R398458 345005826 Page 1 of 1	
6. Item	7. Description	8. Part No	9. Qty	10. Serial No.	11. Status/Work		
001	AIR DATA INERTIAL REFERENCE UNIT	HG2030AE44	1	56023945	REPAIRED		
12. Remarks WORK PERFORMED AS DETAILED IN SERVICE REPORT THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 34-28-33 Rev 7, MAR/14/2022 SB HG2030AE-34-0013 Rev 2, MAR/25/2016 SB HG2030AE-34-0014 Rev 1, APR/12/2016 UNIT ALSO MODIFIED UNIT ALSO INSPECTED/TESTED MODS: 1-4, 6, 10-12, 15 <i>PRINTED FROM ELECTRONIC FILE</i>							
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12			14a. ☒ Part-145.A.50 Release to Service ☐ Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.				
13b. Authorised Signature			13c. Approval/Authorisation Number		14b. Authorised Signature <i>G. Hardjopawiro</i>		
13d. Name			13e. Date (dd mmm yyyy)		14c. Certificate/Approval Ref. No UK. 145.01529		
13d. Name Glenn Hardjopawiro			14d. Name		14e. Date (dd mmm yyyy) 31 AUG 2022		
USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulation of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							



1. Approving Competent Authority/Country Autorité Compétente / Pays DIRECTION GENERALE DE L'AVIATION CIVILE FRANCE		2. AUTHORISED RELEASE CERTIFICATE Certificat Libératoire Autorisé EASA FORM 1 Formulaire 1 de l'EASA		3. Form Tracking Number N° de repère du Formulaire 20220011451954Y24 345129789	
4. Organisation Name and Address: Nom et Adresse de l'Organisme : HONEYWELL AEROSPACE SAS 4, AV SAINT GRANIER - B.P. 3009 - 31024 TOULOUSE CEDEX 3-FRANCE TEL: +33-(0)534561500 FAX: +33-(0)534561600				5. Work Order/Contract/Invoice Bon de commande/Contrat/Facture R398458 345005826 Page 1 of 1	
6. Item/Item	7. Description / Description	8. Part No / N° de pièce	9. Qty / Qte	10. Serial No. / N° série	11. Status/Work / Etat/Travaux
001	AIR DATA INERTIAL REFERENCE UNIT	HG2030AE44	1	56023945	REPAIRED
12. Remarks / Remarques WORK PERFORMED AS DETAILED IN SERVICE REPORT THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 34-28-33 Rev 7, MAR/14/2022 SB HG2030AE-34-0013 Rev 2, MAR/25/2016 SB HG2030AE-34-0014 Rev 1, APR/12/2016 UNIT ALSO MODIFIED UNIT ALSO INSPECTED/TESTED MODS: 1-4, 6, 10-12, 15 COPIED FROM ELECTRONIC FILE THE WORK IDENTIFIED IN BLOCK 11 AND DESCRIBED HEREIN HAS BEEN ACCOMPLISHED I.A.W. 14 CFR PART 43 AND IN RESPECT TO THAT WORK, THE ITEMS ARE APPROVED FOR RELEASE OR RETURN TO SERVICE UNDER CERT. NO. H5AY376J.					
13a. Certifies that the items identified above were manufactured in conformity to: Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux : ☐ approved design data and are in condition for safe operation ☐ données de conception approuvées et sont en état de fonctionner en toute sécurité ☐ non-approved design data specified in block 12 données de conception non approuvées spécifiées dans la case 12					
13b. Authorised Signature/ Signature autorisée		13c. Approval/Authorisation Number Numéro d'agrément/d'autorisation		14a. ☒ Part-145.A.50 Release to Service Approbation pour remise en service selon Partie 145.A.50 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service. Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la Partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service.	
13d. Name/ Nom		13e. Date (dd mm yy)/ Date (jj mm aa)		14b. Authorised Signature / Signature autorisée G. Hardjopawiro	
13d. Name/ Nom		13e. Date (dd mm yy)/ Date (jj mm aa)		14c. Certificate/Approval Ref. No N° du Certificat/Agrément FR.145.0148	
13d. Name/ Nom		13e. Date (dd mm yy)/ Date (jj mm aa)		14e. Date (dd mm yy)/ Date (jj mm aa)	
13d. Name/ Nom		13e. Date (dd mm yy)/ Date (jj mm aa)		31 AUG 2022	
USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur This certificate does not automatically constitute authority to install the item(s). Ce document ne constitue pas forcément l'autorisation d'installer l'item(s). Where the user/installer performs work in accordance with regulation of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.					
EASA Form 1 - MF/CAO/145 Issue 3					

SERVICE REPORT

AJW AVIATION LTD

SR NUMBER: 5016795479		345129789	FAA:	EASA: FR.145.0148
-----------------------	--	-----------	------	-------------------

PO: R398458	CUSTOMER PART NUMBER: 440082820	CONTRACT NUMBER: 440082820
DATE RECEIVED: 01 AUG 2022	DATE COMPLETED: 31 AUG 2022	
A/C TYPE: A321-231	A/C TAIL NUMBER: PT-MXH	A/C SERIAL NUMBER: 4570
PACKING STATUS: No	SEALS INTACT: Intact	PHYSICAL DAMAGE: Yes

REASON FOR REMOVAL: REMOVAL A/C REG: PT-MXH REASON FOR REMOVAL: NAV IR 3 INOP PLEASE QUOTE TO MOD TO P/N AE44 END USER INFO THIS UNIT WILL BE GOING IN AJW STOCK FOR REPLINISHMENT ONCE REPAIRED

PART NUMBER	HG2030AE43	AS RECEIVED:	AS RELEASED:
DESCRIPTION:	AIR DATA INERTIAL REFERENCE UNIT	AIR DATA INERTIAL REFERENCE UNIT	
SERIAL NUMBER	56023945	56023945	56023945
UID(MFR/SPL PNO SER/UCN)	65507 56023945	65507 56023945	
HW MOD STATUS:	1-4,6,10-13,15	1-4,6,10-12,15	
SW MOD STATUS:			
SOFTWARE LOAD:			
REASON FOR REMOVAL CONFIRMED: Rejection Confirmed	ESTIMATE SUPPLIED: Yes	WARRANTY: Warranty Denied	TECHNICIAN: Sofiane Benahmed
PRIMARY SHOP FINDING: Hardware Fault Found			
TYPE OF SERVICE: REPAIRED/Modified/Inspected/Tested			

MAINTENANCE STATEMENT: PAGES DETAILING WORK PERFORMED, ALONG WITH MATERIALS USED, ARE ATTACHED IN PAGES 2 THROUGH 3

SIGNATURE BELOW REQUIRED ONLY WHEN RETURN TO SERVICE IS NOT ISSUED: DATE: SIGNATURE OF AUTHORIZED PERSON:

Complied With
CMM/Eng Documentation: 34-28-33/Rev 7/Rev Date 14 MAR 2022;
Service Bulletins: HG2030AE-34-0013/Rev 2/Rev Date 25 MAR 2016;
HG2030AE-34-0014/Rev 1/Rev Date 12 APR 2016;

SHOULD YOU REQUIRE ANY FURTHER INFORMATION REGARDING THIS SERVICE REPORT, OR HAVE ANY QUESTIONS, PLEASE CONTACT OUR CUSTOMER RESPONSE CENTER AT 1-800-601-3099 OR VISIT OUR CUSTOMER PORTAL AT www.MyAerospace.com TO SUBMIT AN INQUIRY.

SERVICE REPORT
AJW AVIATION LTD

SR NUMBER: 5016795479		FAA:		EASA: FR.145.0148
CUSTOMER PART NUMBER:		CONTRACT NUMBER: 440082820		
PO: R398458	REF DSG	P/N Installed	S/N Installed	P/N Removed
DISPOSITION			S/N Removed	Qty
			Primary Failure	SB
X-GYRO QUALITY FACTOR UNSTABLE. IT CAUSE RESIDUAL GROUND SPEED FAILURE.				
MEASUREMENT DESCRIPTION				
MEAS. VALUE (DECIMAL)		MEAS. VALUE (HH:MM)		0:00
Time Since Repair		Cycles Since Repair		

SERVICE REPORT

AJW AVIATION LTD

+33-(0)534561500 (T) +33-(0)534561600 (F)

SR NUMBER: 5016795479		FAA:	EASA: FR.145.0148
PO: R398458	CUSTOMER PART NUMBER:	CONTRACT NUMBER: 440082820	

Customer Manuals/Documentation:

Previously Complied With

CMM/Eng Documentation:

Service Bulletins: HG2030AE-34-0019/Rev 0/Rev Date 13.07.2015;

Customer Manuals/Documentation:

Evaluation Findings

TOTAL ELAPSED POWER-ON TIME: 75357 Hours

TOTAL ELAPSED FLIGHT TIME: 31418 Hours

X GYRO ELAPSED TIME: 75357 Hours

Y GYRO ELAPSED TIME: 215 Hours

Z GYRO ELAPSED TIME: 215 Hours

DUMP: ALIGN IN AIR, FAULT LOGGED ON THE MEMORY BITE.

THE CHASSIS OF THE UNIT IS DAMAGED ON THE TOP LEFT SIDE BUT THIS DOES NOT AFFECT FIT FORM AND FONCTION OF THE UUT.
DUE TO CUSTOMER REASON OF REMOVAL, LOOPS OF ADDITIONAL NAV TEST RUN AND X-GYRO QUALITY FOUND FACTOR UNSTABLE.
X-GYRO TO BE REPLACED.

PER CUSTOMER REQUEST THE UNIT WILL BE MODIFIED FROM HG2030AE43 INTO HG2030AE44 IAW SB: HG2030AE-34-0014 REV 1.

FSB HG2030AE-34-0013 Revision 2, 25 Mar 2016 APPLIED AND MOD 13 REMOVED FROM THE IDPLATE DUE TO THE LAST GYRO SERIE 48 REMOVAL.

Work performed / Comments to Customer

X-GYRO REPLACED.

UNIT MODIFIED FROM HG2030AE43 INTO HG2030AE44 IAW SB: HG2030AE-34-0014 REV 1.

FSB HG2030AE-34-0013 Revision 2, 25 Mar 2016 APPLIED AND MOD 13 REMOVED FROM THE IDPLATE.

UNIT REPAIRED, MODIFIED, INSPECTED/TESTED I.A.W.:ATA 34-28-33 REV 7 14/MAR/22 AND ALL TESTS PASS.

DISPOSITION	REF DSG	P/N Installed	S/N Installed	P/N Removed	S/N Removed	Qty	Primary Failure	SB
Exchange	X-GYRO	66020206-005	2225810588	26015373-305	0943361225	1		